California Title 24 - 2008

Residential Lighting

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Issues Being Evaluated

- Availability of Title 24 compliant residential lighting
 - IC/AT downlights
 - Sloped ceiling downlights
 - Attractive residential lighting
- Ability to identify Title 24 compliant residential lighting

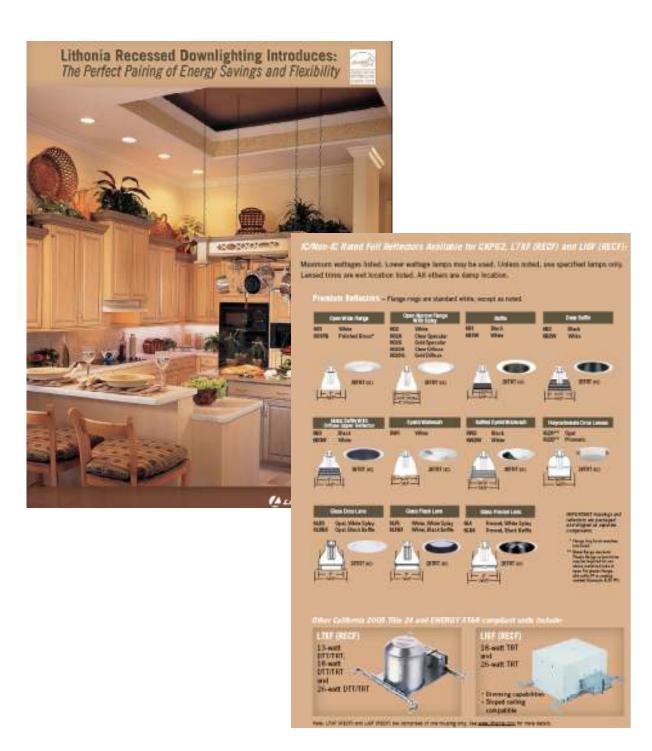
Availability of T24 Downlights

Downlights

- Background on development
 - Focus on energy efficiency and reliable product
 - PIER project CA Kitchen Downlight
 - Electronic ballasts: no flicker, instant on
 - Thermally enhanced performance 5 year ballast warranty
 - Good color
 - Contractor friendly installation
- Manufacturer commitment to:
 - Product development
 - Literature
 - Training
 - Point of purchase displays

Distribution of T24 downlights since October 2005

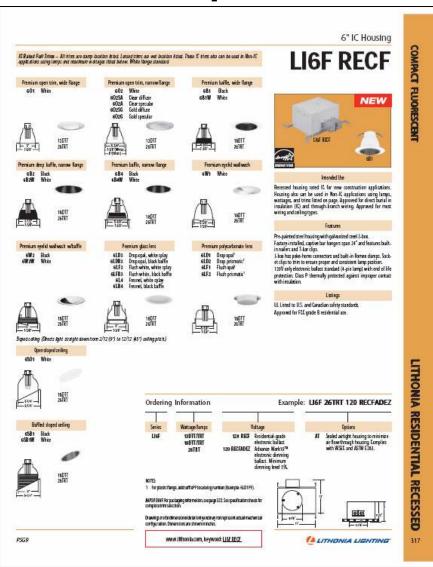
- Lithonia Lighting has shipped approximately 45,000 T24 compliant downlights into CA since T24-2005 went into effect
- Over 6,000 unit inventory ready for immediate shipment from Lithonia Los Angeles distribution center
- Over 78% of the residential product being purchased is purchased at electrical distributors.
- All Home Depot stores in CA carry T24 compliant downlights – 195 stores in total.
- Home Centers serve less than 1/4 of the residential lighting purchases for downlights



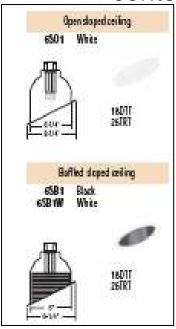
Wide variety of product:

- Lamp wattages
- Aperture sizes
- Trim styles
- Installation options

Sloped Ceiling Downlights



- CFL IC/AT electronic ballast
- Lamp remains vertical for superior performance in sloped ceiling applications
- Stocked in CA distribution center



Attractive Designs







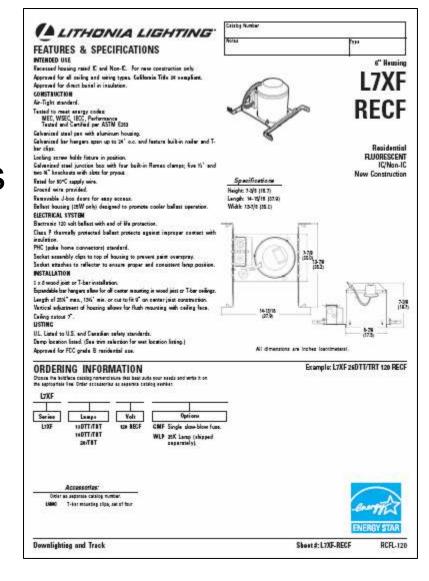
1st Place Indoor Fixtures Family



Identifying T24 Compliant Lighting

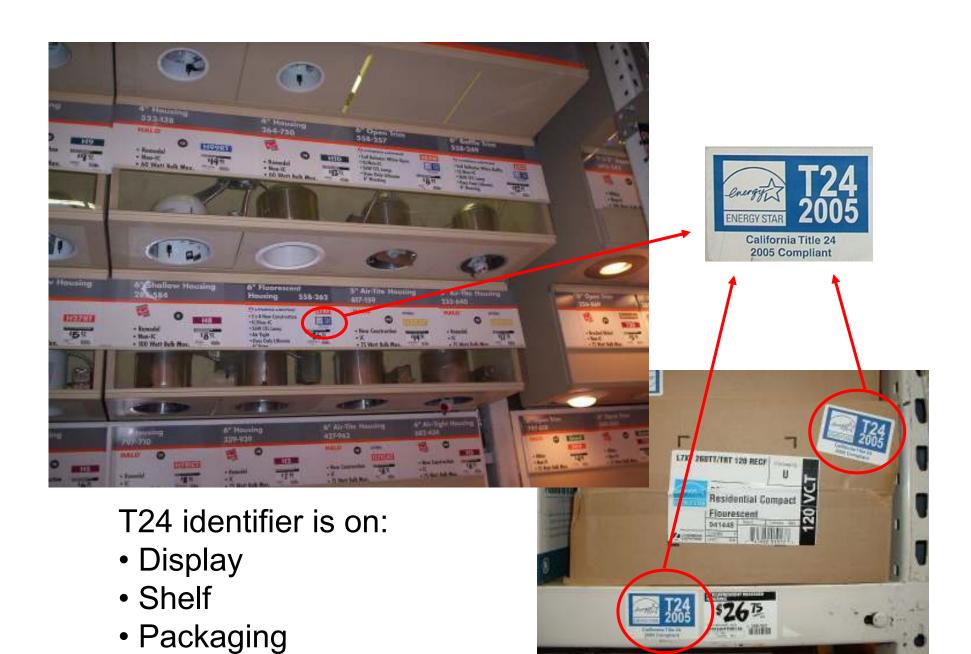
 Catalog sheets clearly identify Energy Star products





Identifying Product at Home Centers





Summary

- During the 2005 standards development, CEC made a case that residential energy use was critical to CA energy efficiency and demand management.
- CA cannot afford to progress backwards with energy standards
- Industry has responded with quality product solutions that have excellent performance and reliability.
- Manufacturers have invested significant cost and time in developing compliant products, marketing communications, point of purchase displays and training.
- Manufacturers and retailers cannot afford the stranded costs (and lost time) required to support new energy standards, when there is a question about whether they will be supported by the Energy Commission.
- CEC must maintain the requirement for 50% of lighting power in kitchens to be high efficacy systems